

Welcome to...

Report Generation – Standard General Ledger (SGL)



Welcome and Introductions







Course Prerequisites



- ✓ Change Discussions
- ✓ RWD SAP 4.6C
- ✓ Treasury Guidance for 224 (I TFM 2-5100)
- ✓ OMB Guidance for Consolidated Financial Statements (OMB Bulletin No. 01-09)



Course Objectives



- At the end of this course, individuals should be able to:
 - Utilize SAP R/3 to generate reports
 - Utilize Business Warehouse (BW) to generate reports
 - Understand when and how to use some of the SGL reports offered in SAP R/3 and BW
 - Access OLQR to aid in performing tasks related to report generation



Benefits of Report Generation – Purchasing



- SAP and BW provide an automated means to:
 - Display detailed reports
 - Obtain transactional and analytical data respectively

Course Schedule



Agenda Item		Time (hr)
1.	Introduction	00:15
2.	Background	00:10
3.	Topic 1: SAP R/3 Report Generation	01:00
4.	Topic 2: BW Report Generation	00:30
5.	Topic 3: Transaction Register	00:15
6.	Topic 4: Trial Balance Report	00:20

Course Schedule Continued



Agenda Item	Time (hr)
7. Topic 5: GL Account Balance and Exception Reports	00:25
8. Topic 6: SF-224 - Statement of Transactions	00:15
9. Topic 7: Financial Statements	00:45
10. Course Summary	00:15
Total Course Time	04:00 hrs

Course Structure



- Process Flows
 - Overview of key business processes and related SAP concepts
- Demonstrations
 - Trainer-led examples of key SAP transactions
- Exercises
 - Real-life business tasks using Core Financial business procedures
- Training Course Feedback
 - Assessment of course effectiveness using the on-line training course feedback form



Course Tool: On-Line Quick Reference



- Purpose of the On-Line Quick Reference (OLQR) tool:
 - Provide procedures, job aids, and Help content via the Intranet
 - Assist during and after Instructor-Led Training (ILT) and Web-Based Training (WBT)

Prepare Your Workspace



- Take a few minutes to prepare your training workspace:
 - Review the reference materials; become familiar with the content
 - Logon to SAP R/3







- Key definitions:
 - Characteristics: An evaluation group, providing data set classification
 - Characteristic values: The permitted values of a characteristic in the master data
 - Drill down: To view more detailed information about the data contained in a report
 - Key figures: Values or quantities
 - Filter Cells: Contain characteristics that are used or may be used to select filters on
 - List: The results of a report or the report's output
 - Parameters: Report parameters determine the layout features of the report, such as the page format of the report and the numeric format of the report data





- Key definitions:
 - Query: A data evaluation based on the selection of characteristics and key figures
 - Results Area: The lower portion of the workbook that displays the result set from the query, along with column headers and subtotals by drill down characteristic, and grand totals
 - Scope of List: Parameters that define scope of lists determine the information to be displayed in the list. Scope of list controls whether certain information is displayed with the item data
 - Selection Criteria: Specified data to be included in a report
 - Workbook: A Microsoft Excel file with several worksheets

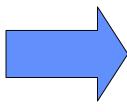




Differences between the previous system and SAP/BW:

Old system:

- Center specific reporting tools
- Data redundancy and inconsistent information



SAP/BW system:

- Agency wide standard for reporting
- Standardized information and processing and recording of financial events efficiently



Topic 1 SAP R/3 Report Generation



Topic 1: Overview



- SAP Report Generation
 - Transactional data or current day's data
 - Features/capabilities of SAP R/3 reporting function



Topic 1: Objectives



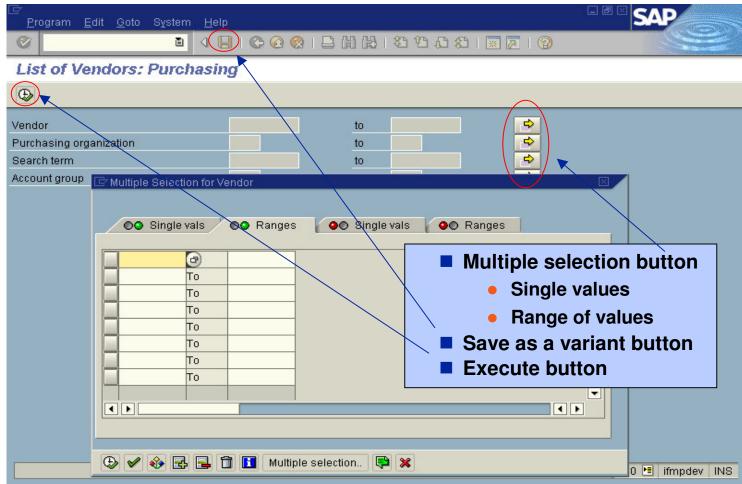
- Upon completion of the SAP Report Generation topic, individuals should be able to accomplish the following:
 - Select criteria and save a variant
 - Drill down
 - Display layouts
 - Print and export to Excel
 - Run a report in the background



Topic 1: Display List of Vendors



SAP R/3 Report: Display List of Vendors





Demonstrations and Exercises Introduction







Demonstrations and Exercises

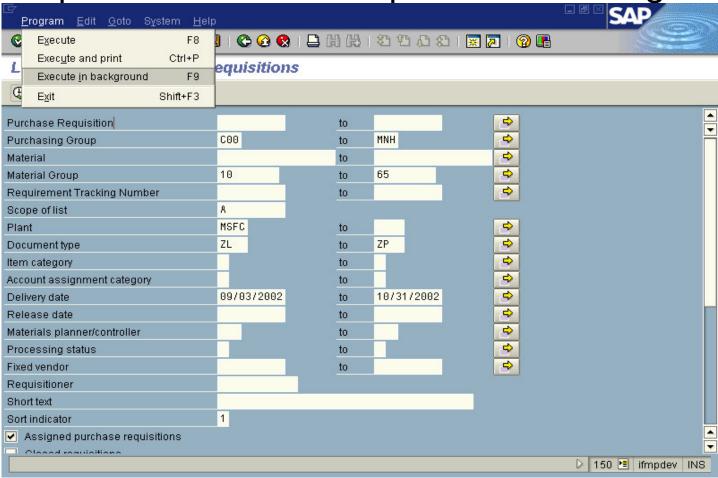


- Select Criteria
- Drill down
- Display Layout
- Print and Export a Report

Topic 1: Running a Report in the Background



Menu path to execute a report in the background

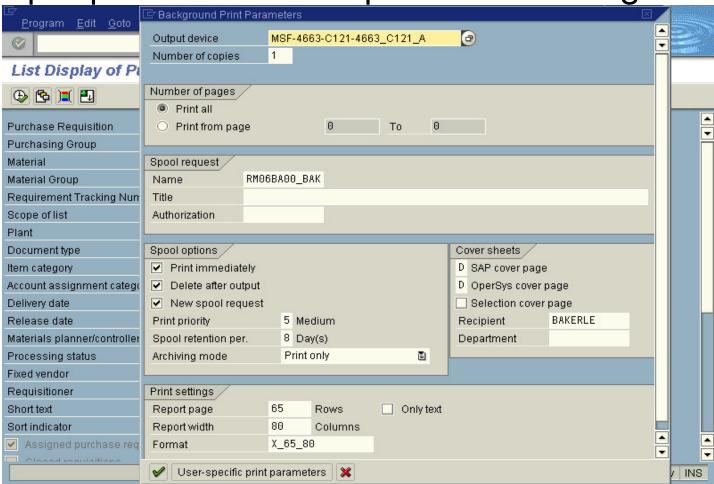




Topic 1: Running a Report in the Background



Output parameters to report in the background





Topic 1: Debrief



- Select criteria
 - Restricting the report
 - Saving a variant when appropriate
- Drill down
 - Accessing detailed reports and source documents
- Display layout
 - Navigating through the report
 - Utilizing sorting and summation features
- Print and export a report
 - Choosing from various print options
 - Exporting to Excel to format, save, and/or print
- Run a report in the background
 - Processing reports without tying up a session or opening multiple session





Topic 2 BW Report Generation



Topic 2: Overview



- BW Report Generation
 - -Combines data across functional area
 - Accepts non-SAP data
 - Allows end-user to access and format data from a web browser
 - Presents data in another application



Topic 2: Objectives

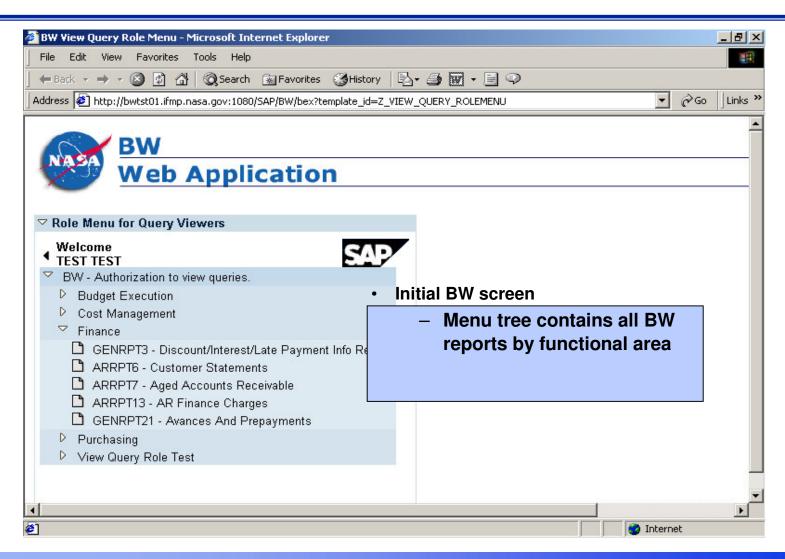


- Upon completion of the BW Report Generation topic, individuals should be able to accomplish the following:
 - Logon to BW
 - Select the applicable query
 - -Sort the report
 - Drill down
 - Format the report
 - Attach and remove a chart
 - Print and save the report as a web page
 - Export the data to an Excel workbook



Topic 2: Payment Methods





Demonstrations and Exercises Introduction







Demonstrations and Exercises



Running a BW Query from a Web Browser



Topic 2: Debrief



- Features of BW
 - Select criteria
 - Filter the report
 - Sort the report
 - Drill down to greater detail
 - Hide a column
 - Attach a chart
 - Print and save a report as a web page
 - Export a report to Excel





Topic 3 Transaction Register



Topic 3: Overview



- Transaction Register
 - Displays daily transactions
 - Run on demand by the Management Information Generator
 - -Analyzed by the Financial Information Analyst

Topic 3: Objectives



- Upon completion of the Transaction Register topic, individuals should be able to accomplish the following:
 - Describe uses of the Transaction Register
 - Define the process for accessing the Transaction Register in SAP

Topic 3: Transaction Register



- Transaction Register
 - Enables the end-user to verify that transactions were posted correctly
 - Displays debit and credit impact to the general ledger



Topic 3: Transaction Register

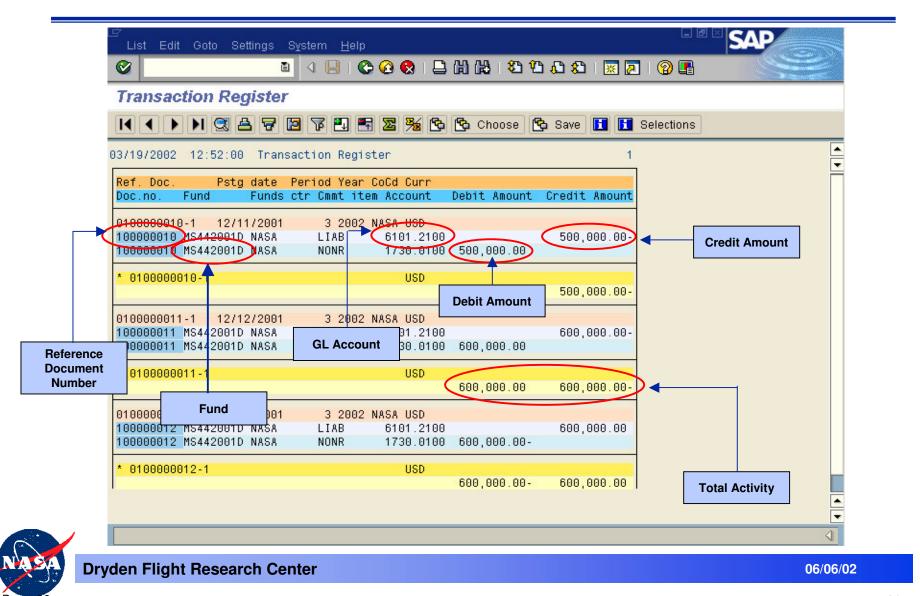


- Standard Selection Criteria
 - Fiscal year
 - Posting period
 - Posting date
 - Entry date
 - User name
 - Reference document number
 - Company code
 - Fund
- Dynamic Selection
 - Actual line item table for US Federal Government
 - Business area
 - Cost center
 - WBS element



Topic 3: Transaction Register





Topic 3: Debrief



- Upon completion of the Transaction Register topic, individuals should now be able to accomplish the following:
 - Define uses of running the Transaction Register
 - Process for accessing the Transaction Register in SAP



Topic 4 Trial Balance



Topic 4: Overview



- Trial Balance
 - Displays beginning balance, debit and credit balances for transactions during the period, and ending balances for each GL account
 - Run on demand by the Management Information Generator
 - Analyzed by the Financial Information Analyst

Topic 4: Objectives



- Upon completion of the Trial Balance topic, individuals should be able to accomplish the following:
 - Describe uses of the Trial Balance
 - Define the process for accessing the Trial Balance in SAP

Topic 4: Trial Balance

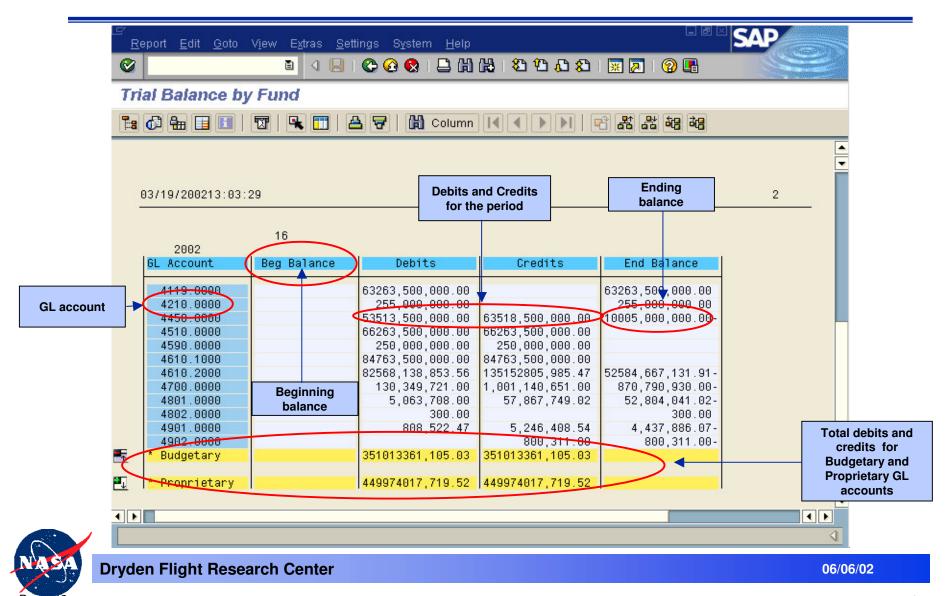


- Trial Balance
 - Most useful at month or year-end, as it aids in validating the relationship between budgetary and proprietary accounts.
- Selection Options
 - -Fiscal year
 - -Company code
 - Period



Topic 4: Trial Balance





Topic 4: Debrief



- Individuals should now be able to accomplish the following:
 - Describe uses of the Trial Balance
 - Define the process for accessing the Trial Balance in SAP



Topic 5

GL Account Balance and Exception Reports



Topic 5: Overview



- GL Account Balance and Account Balance Exception Reports
 - GL Account Balance Report
 - Displays GL account balances at the Center or Agency
 - Account Balance Exception Report
 - Displays GL accounts with abnormal balances
 - Run on demand
 - Drill down capability to original documents for all Centers
 - Analyzed by the Financial Information Analyst
 - Report accessible by all SGL roles



Topic 5: Objectives



- Upon completion of the GL Account Balance and Exception Reports topic, individuals should be able to accomplish the following:
 - Describe uses of the GL Account Balance and Exception Reports
 - Define the process for accessing the GL Account Balance and Exception Reports in SAP

Topic 5: GL Account Balance and Exception Report

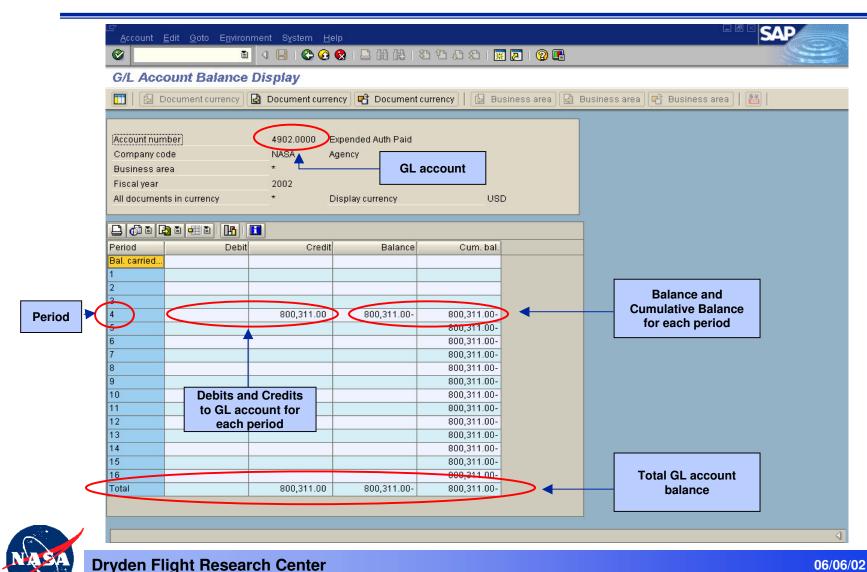


- GL Account Balance and Exception Report
 - The GL Account Balance report displays account balances by line items
 - The Account Balance Exception report pinpoints GL accounts that have an abnormal balance
 - Both of these reports are used to periodically monitor GL accounts and ensure that they reconcile
- Selection criteria
 - GL account
 - Company code
 - Fiscal year
 - Business area



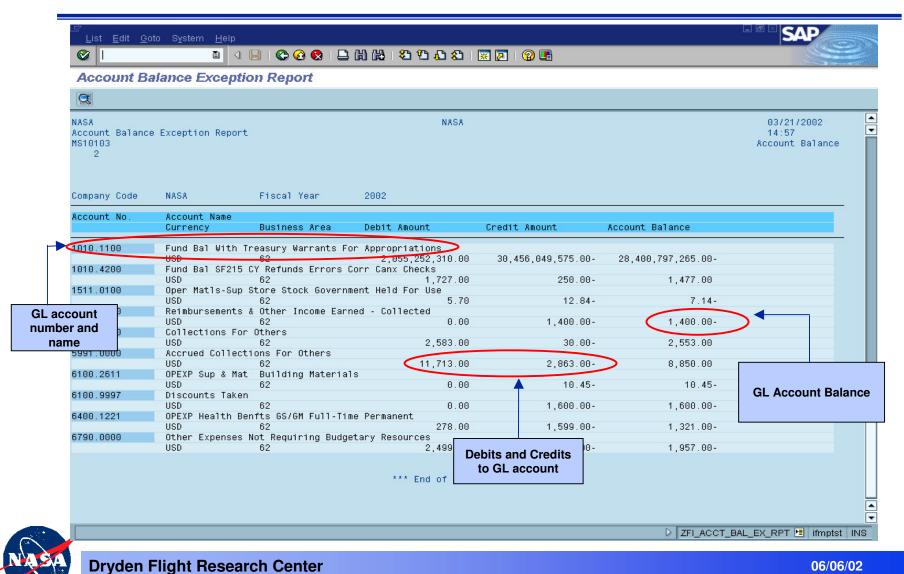
Topic 5: GL Account Balance Report





Topic 5: GL Account Balance Exception Report





Topic 5: Debrief



- Individuals should now be able to accomplish the following:
 - Describe uses of the GL Account Balance and Exception Reports
 - Define the process for accessing the GL Account Balance and Exception Reports in SAP



Topic 6

SF-224 - Statement of Transactions



Topic 6: Overview



- SF-224 Statement of Transactions
 - Reports NASA's receipts and disbursements for certain periods
 - Custom ABAP report
 - Generated at month end after the completion of specific month-end processes
 - The Management Information Generator produces this report, which is then analyzed by the Financial Information Analyzer



Topic 6: Objectives



- Upon completion of the SF-224 Statement of Transactions topic, individuals should be able to accomplish the following:
 - Describe uses of the SF-224
 - Define the process for accessing the SF-224 in SAP

Topic 6: SF-224 Report

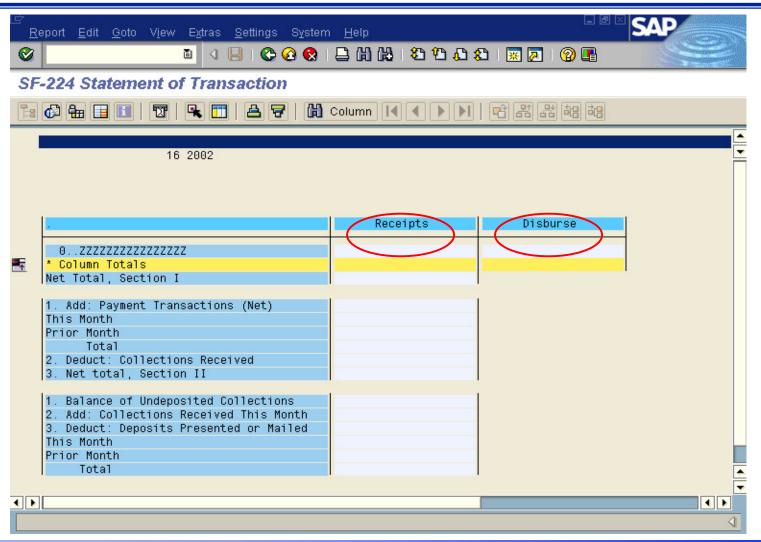


- SF-224 Report
 - Reflects direct and reimbursable program activities by appropriation, fund, and receipt accounts
 - Used for external reporting to Treasury
- Selection criteria
 - -Fiscal year
 - Company code
 - -Business area
 - Period



Topic 6: SF-224 Report





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Topic 6: Debrief



- Individuals should now be able to accomplish the following:
 - Describe uses of the SF-224
 - Define the process for accessing the SF-224 in SAP



Topic 7 Financial Statements



Topic 7: Overview



- Financial Statements
 - There are five financial statements that reflect the overall financial position of the Agency. They can be generated at the Center or Agency level:
 - Balance Sheet
 - Statement of Net Cost
 - Statement of Changes in Net Position
 - Statement of Budgetary Resources
 - Statement of Financing
 - Report Painter reports



Topic 7: Objectives



- Upon completion of the Financial Statements topic, individuals should be able to accomplish the following:
 - Describe uses of the five Financial Statements
 - Define the process for accessing Financial Statements in SAP

Topic 7: Financial Statements



Financial Statements

Agency

- Produced by the External Information Generator and Management Information Generator
- Legally required by the OMB
- Independently audited

-Center

- Produced by the Management Information Generator
- Used for internal purposes
- Not audited



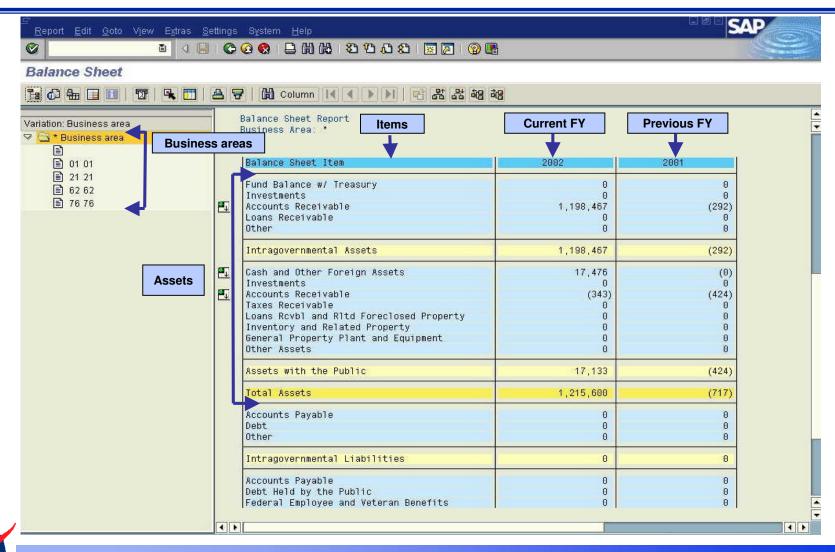
Topic 7: Financial Statements Balance Sheet



- Balance Sheet
 - Presents the assets, liabilities, and net position of the reporting entity
 - Must be manually adjusted to a two-column report in order to meet government regulations.

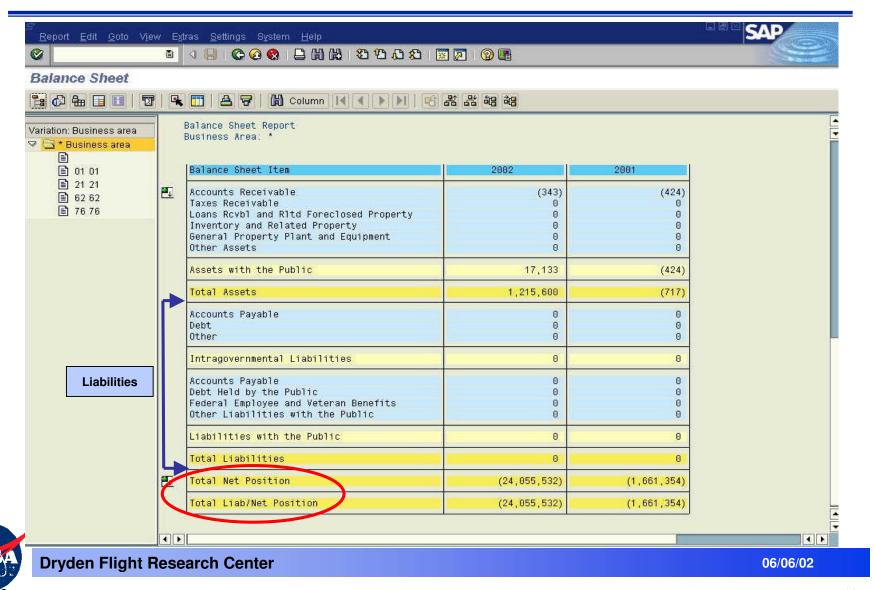
Topic 7: Financial Statements Balance Sheet





Topic 7: Financial Statements Balance Sheet





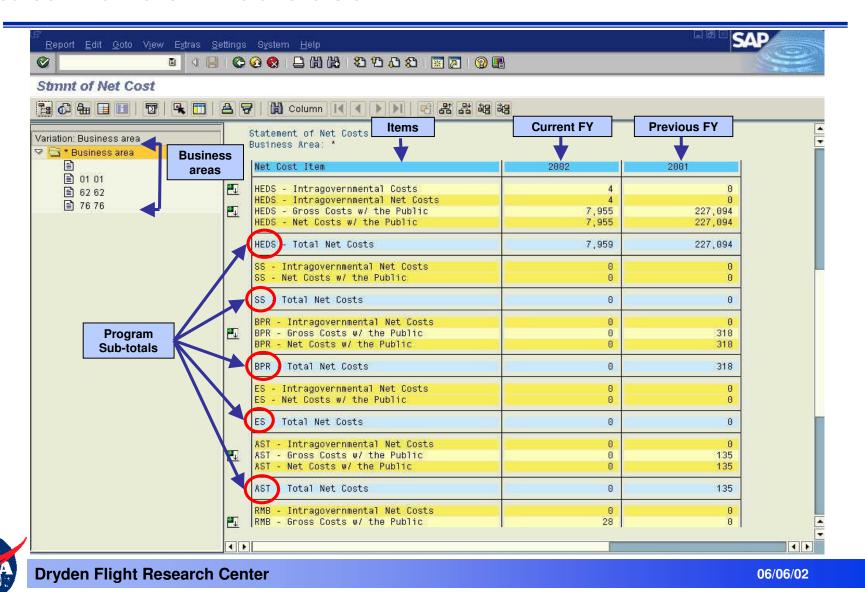
Topic 7: Financial Statements Statement of Net Cost



- Statement of Net Cost
 - Shows the separate components that comprise the net cost of operations for the period.
 - Provides information that can be related to the outputs and outcomes of the various programs and activities.

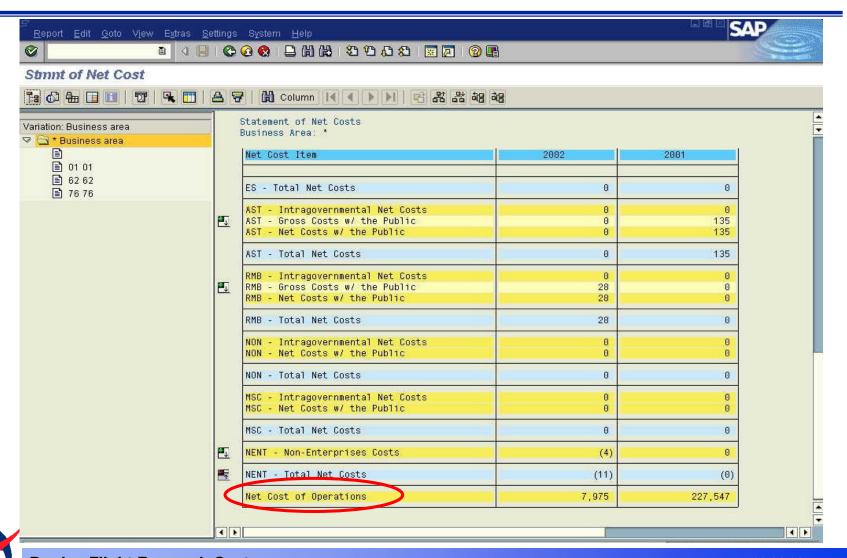
Topic 7: Financial Statements Statement of Net Cost





Topic 7: Financial Statements Statement of Net Cost





Topic 7: Financial Statements Statement of Changes in Net Position

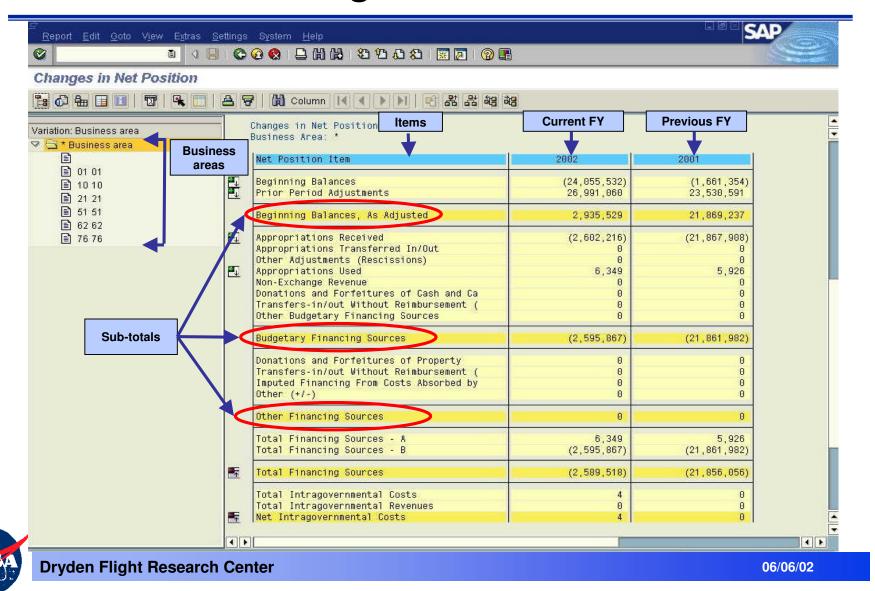


- Statement of Changes in Net Position
 - Displays changes in two components during the reporting period:
 - Cumulative Results of Operations
 - Unexpended Appropriations
 - Values used in this statement are also reported in other financial statements



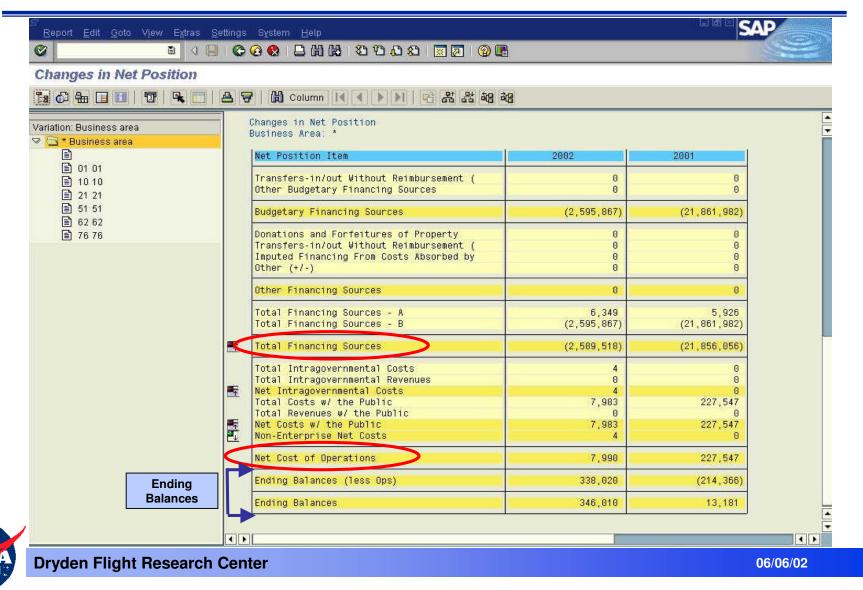
Topic 7: Financial Statements Statement of Changes in Net Position





Topic 7: Financial Statements Statement of Changes in Net Position





Topic 7: Financial Statements Statement of Budgetary Resources

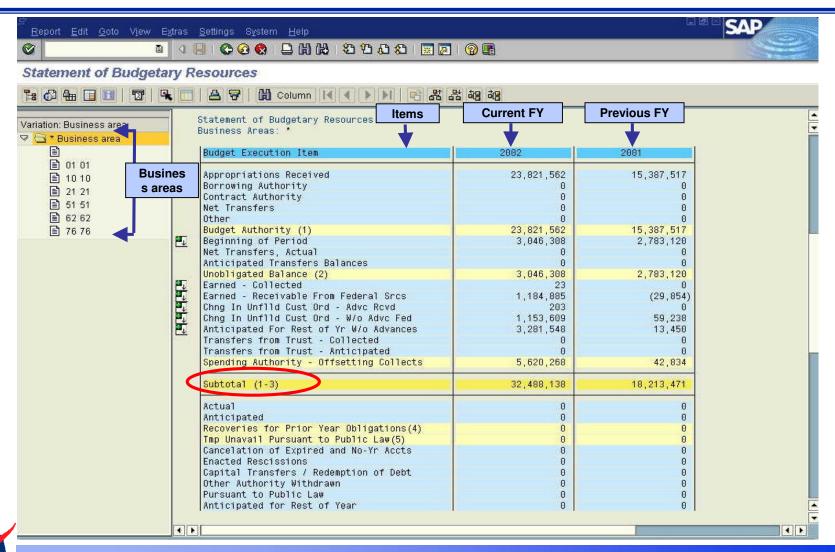


- Statement of Budgetary Resources
 - Provides information about the way in which budgetary resources were made available as well as their status at the end of the period
 - Should be consistent with information reported in other sources:
 - Report on Budget Execution and Budgetary Resources (SF-133)
 - Budget of the United States Government



Topic 7: Financial Statements Statement of Budgetary Resources



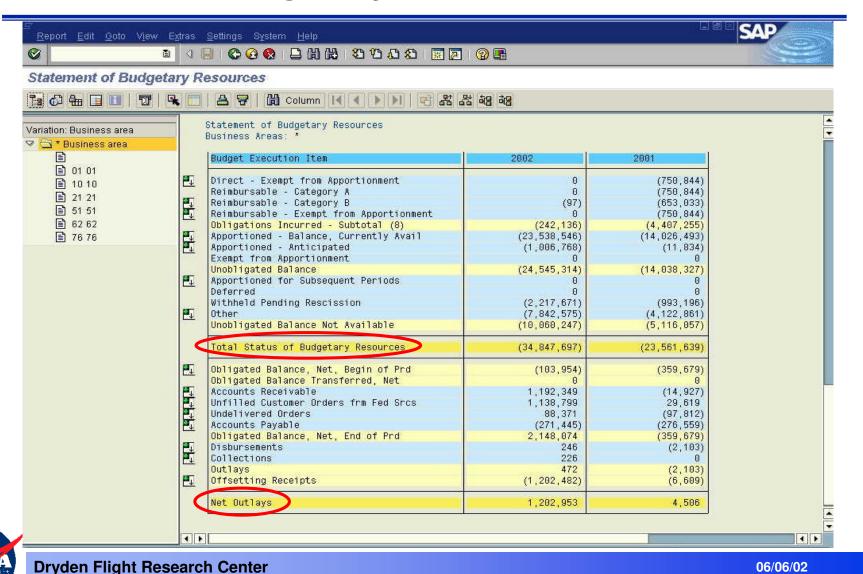


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Topic 7: Financial Statements Statement of Budgetary Resources





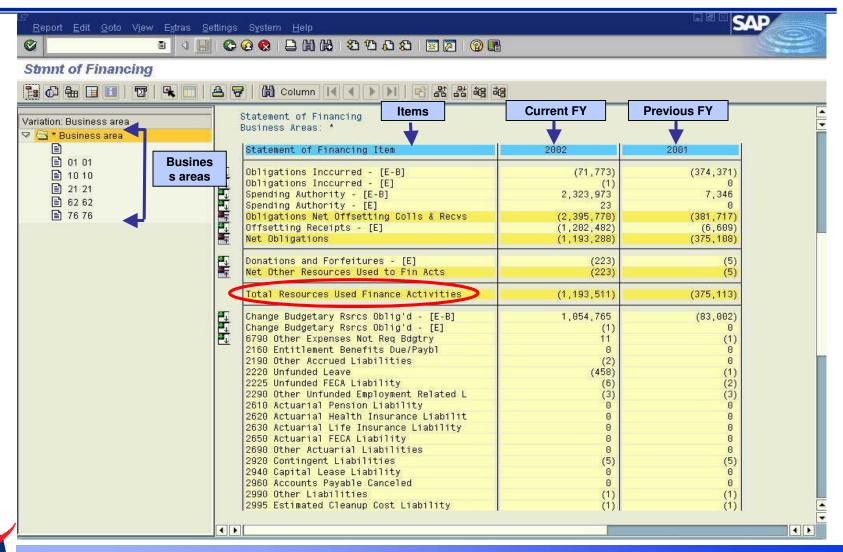
Topic 7: Financial Statements Statement of Financing



- Statement of Financing
 - Shows the reconciliation of the proprietary accounts to the budgetary accounts (obligations to costs)
 - Reports any transactions that may not be fully represented on either the budgetary or proprietary sides.

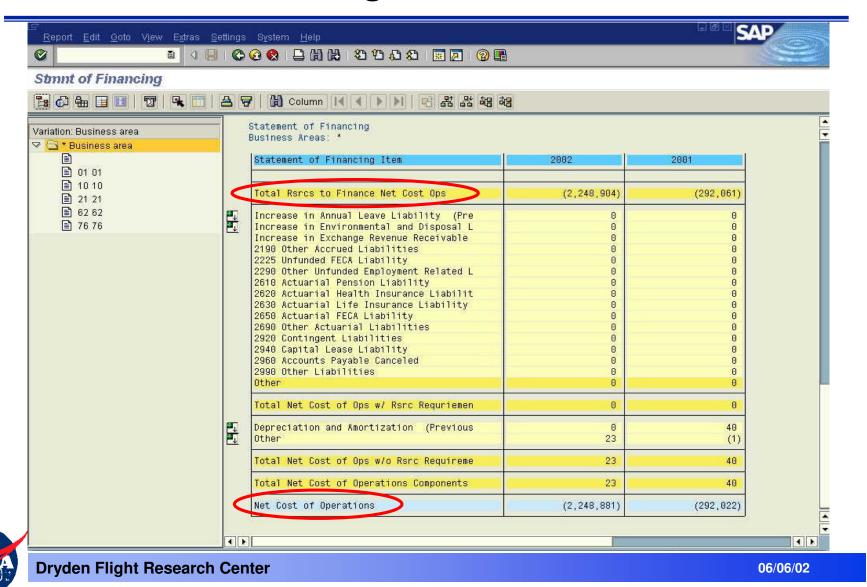
Topic 7: Financial Statements Statement of Financing





Topic 7: Financial Statements Statement of Financing





Topic 7: Debrief



- Individuals should now be able to accomplish the following:
 - Describe uses of the five Financial Statements
 - Define the process for accessing Financial Statements in SAP



End of Course Review



Review Objectives & Expectations



- Everyone here should now be able to:
 - Utilize SAP R/3 and BW for reporting requirements
 - Understand when and how to use some of the SGL reports offered in SAP R/3 and BW:
 - Transaction Register
 - Trial Balance
 - GL Account Balance and Exception Reports
 - SF-224 Statement of Transactions
 - Financial Statements



Available Resources



- SAP Practice Training Instance
- OLQR
- Super-users within each department
- Job Aids

Extra Practice - SAP Training Instance



Use data from course training guide to practice transactions

The training database provides a "safe" environment to develop and practice skills without affecting production.



Congratulations!



Training Course Feedback



- The on-line training course feedback will:
 - Assess the effectiveness of the instruction and training materials for the course
- To access the feedback form:
 - Launch your Web Browser
 - Enter the following URL address: http://www.zoomerang.com/recipient/surveyintro.zgi?ID=S92WBAWLSKWA&PIN=994RHHDW8RK7
 - Complete and submit feedback by following the directions within the on-line form

